

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 Levee Inspection Results****Reclamation District No. 0817 Carlin**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0817 Carlin

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	3.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/30/2013 - 04/30/2013			
DWR Inspector	Rick Burnett			
Accompanied By	Joe Conant RD 817			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek				Left	3.82	04/30/2013 04/30/2013	Rick Burnett

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1				Flood Preparedness & Training	LS	M Ma	Inspector Comments: No training records were available during the inspection.	°	°	2
DWR ID: DWR_RD0817_01_s_2012_2										
2				Operations & Maintenance Manuals	LS	A Ma		°	°	9
DWR ID: DWR_RD0817_01_s_2013_9										
3				Emergency Supplies & Equipment	LS	A Ma		°	°	10
DWR ID: DWR_RD0817_01_s_2013_10										
4	0.01	0.60		Vegetation	WS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984801 ° -121.506075 °	38.990376 ° -121.498122 °	6 Y
DWR ID: DWR_RD0817_01_f_2012_6										
5	0.01	0.60		Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984802 ° -121.506075 °	38.990376 ° -121.498122 °	3 Y
DWR ID: DWR_RD0817_01_f_2012_3										
6	0.01	3.81		Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.984827 ° -121.506082 °	39.019762 ° -121.454151 °	1 Y
DWR ID: DWR_RD0817_01_s_2013_1										
7	0.01	3.81		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.984827 ° -121.506082 °	39.019761 ° -121.454147 °	4 Y
DWR ID: DWR_RD0817_01_s_2013_4										
8	1.34	1.34		Encroachments	LS	U En	PI : Pipe	38.997916 ° -121.488499 °	38.997916 ° -121.488499 °	7 Y
DWR ID: DWR_RD0817_01_f_2012_7										
9	1.74	3.81		Encroachments	LS	M En	FE : Fence Inspector Comments: Wire fence at L/S levee toe.	39.002941 ° -121.484856 °	39.019763 ° -121.454151 °	8 Y
DWR ID: DWR_RD0817_01_s_2013_8										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.82	04/30/2013 04/30/2013	Rick Burnett

Levee Mile Report Line	4
Start Levee Mile	0.01
End Levee Mile	0.60
Location	Water Side
Category	
Item	Vegetation

Levee mile 3.80, the waterside slope.

jhirabay_s_20130314_067.JPG



Levee Mile Report Line	5
Start Levee Mile	0.01
End Levee Mile	0.60
Location	Land Side
Category	
Item	Vegetation

Levee mile 3.80, the landside slope.

jhirabay_s_20130314_066.JPG



Levee Mile Report Line	6
Start Levee Mile	0.01
End Levee Mile	3.81
Location	Land Side
Category	
Item	Vegetation

Typical L/S levee slope vegetation.

rburnett_s_20130430_297.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.82	04/30/2013 04/30/2013	Rick Burnett

Levee Mile Report Line	7
Start Levee Mile	0.01
End Levee Mile	3.81
Location	Water Side
Category	
Item	Vegetation

Typical W/S levee slope vegetation.

rburnett_s_20130430_298.JPG



Levee Mile Report Line	8
Start Levee Mile	1.34
End Levee Mile	1.34
Location	Land Side
Category	
Item	Encroachments

This screw gate is not operating properly.

jhirabay_s_20130314_068.JPG



Levee Mile Report Line	9
Start Levee Mile	1.74
End Levee Mile	3.81
Location	Land Side
Category	
Item	Encroachments

Wire fence at L/S levee toe.

rburnett_s_20130430_299.JPG



* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	N : Not Inspected/Rated	En : Enforcement
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	
	U : Unacceptable	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 Levee Inspection Results

Reclamation District No. 0817 Carlin

Waterway			Bank	Unit Miles
Unit No. 02 Bear River			Right	3.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/30/2013 - 04/30/2013			
DWR Inspector	Rick Burnett			
Accompanied By	Joe Conant RD 817			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Reclamation District No. 0817 Carlin

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	3.28		Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.984569 ° -121.506048 °	38.993865 ° -121.447972 °	8 Y
								DWR ID: DWR_RD0817_02_s_2013_8		
2	0.01	3.84		Vegetation	WS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.984569 ° -121.506048 °	38.993178 ° -121.437827 °	9 Y
								DWR ID: DWR_RD0817_02_s_2013_9		
3	0.01	1.00		Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984502 ° -121.505957 °	38.983962 ° -121.504625 °	5
								DWR ID: DWR_RD0817_02_f_2012_5		
4	0.01	1.00		Vegetation	WS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.984502 ° -121.505958 °	38.983962 ° -121.504625 °	7
								DWR ID: DWR_RD0817_02_f_2012_7		
5	0.27	0.27		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District has sprayed vegetation but dead vines remain in place.	38.984377 ° -121.501553 °	38.984377 ° -121.501553 °	1 Y
								DWR ID: DWR_RD0817_02_s_2012_1		
6	0.32	0.32		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District has sprayed vegetation but dead vines remain in place.	38.984467 ° -121.500488 °	38.984467 ° -121.500488 °	2 Y
								DWR ID: DWR_RD0817_02_s_2012_2		
7	0.39	0.39		Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: District has sprayed vegetation but dead vines remain in place.	38.984542 ° -121.499283 °	38.984542 ° -121.499283 °	3 Y
								DWR ID: DWR_RD0817_02_s_2013_3		
8	1.54	1.54		Encroachments	LS	M En	PR : Prunings	38.986864 ° -121.478243 °	38.986864 ° -121.478243 °	11 Y
								DWR ID: DWR_RD0817_02_s_2013_11		
9	1.76	1.82		Vegetation	LS	M En	V6 : Landscaping	38.987792 ° -121.474295 °	38.988118 ° -121.473372 °	6 Y
								DWR ID: DWR_RD0817_02_s_2012_6		
10	2.08	3.19		Slope Stability	LS	M Ma	S1 : Repair slope instability.	38.989338 ° -121.468640 °	38.994124 ° -121.449448 °	10 Y
								DWR ID: DWR_RD0817_02_s_2012_10		

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	N : Not Inspected/Rated	Ob : Design & System Obsolescence
CR : Crown	M : Minimally Acceptable	En : Enforcement
	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	04/30/2013 04/30/2013	Rick Burnett

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	3.28
Location	Land Side
Category	
Item	Vegetation

Typical seasonal vegetation on L/S levee slope.

rburnett_s_20130430_301.JPG



Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	3.84
Location	Water Side
Category	
Item	Vegetation

Typical W/S seasonal vegetation.

rburnett_s_20130430_303.JPG



Levee Mile Report Line	5
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Land Side
Category	
Item	Vegetation

RD 817 Unit 2 - L/S Vegetation - Blackberries & Wild Rose

jhirabay_s_20130314_069.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	04/30/2013 04/30/2013	Rick Burnett

Levee Mile Report Line	6
Start Levee Mile	0.32
End Levee Mile	0.32
Location	Land Side
Category	
Item	Vegetation
RD 817 Unit 2 - L/S Vegetation - Wild Rose	
jhirabay_s_20130314_070.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	
Item	Vegetation
RD 817 Unit 2 - L/S Vegetation - Blackberries & Wild Rose	
jhirabay_s_20130314_071.JPG	



Levee Mile Report Line	8
Start Levee Mile	1.54
End Levee Mile	1.54
Location	Land Side
Category	
Item	Encroachments
Pruning pile at L/S levee toe.	
rburnett_s_20130430_302.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Reclamation District No. 0817 Carlin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.87	04/30/2013 04/30/2013	Rick Burnett

Levee Mile Report Line	9
Start Levee Mile	1.76
End Levee Mile	1.82
Location	Land Side
Category	
Item	Vegetation

RD 817 Unit 2 - L/S Landscaping

jhirabay_s_20130314_072.JPG



Levee Mile Report Line	10
Start Levee Mile	2.08
End Levee Mile	3.19
Location	Land Side
Category	
Item	Slope Stability

Levee mile 2.08, this photo shows the slope is less than required, this is the downstream limit of the site, this is the waterside slope.

jhirabay_s_20130314_073.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
----------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------